Claims:

1. A method for refreshing memory cells in a dynamic memory (1), which memory cells are used for storing information, wherein the
5   refreshing is conducted in order to maintain the information in the memory cells, the information stored in the memory cells at a given time is divided into information to be maintained and information not requiring maintenance, wherein at least some of such memory cells which contain information not requiring maintenance, remain
10   unrefreshed, in which method application programs are executed, **characterized** in that the memory cells of the dynamic memory (1) are divided into two or more blocks (5a, 5b, 5c, 5d) which can be refreshed irrespective of each other, that information on the location of each application program to be executed is stored, as well as on the quantity
15   of memory allocated by each application program to be executed, and that it is determined on the basis of said stored information which of said memory blocks (5a, 5b, 5c, 5d) contains information requiring maintenance, wherein other memory blocks (5a, 5b, 5c, 5d) remains unrefreshed.

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2. The method according to claim 1, **characterized** in that the dynamic memory (1) is a synchronous dynamic memory.

3. The method according to claim 1, **characterized** in that the dynamic
25   memory (1) is an asynchronous dynamic memory.

4. An electronic device (17) comprising a dynamic memory (1) with memory cells for storing information, means (3, 7, 10) for refreshing the memory cells, means (4a, 4b) for executing application programs,
30   means (4a, 4b) for allocating a memory area from the dynamic memory (1) for each application program for the duration of its execution, and means (4a, 4b) for deallocating said memory area after the execution of the application program, **characterized** in that the electronic device (17) also comprises means (14a—14d; 15a—15d) for dividing the
35   memory cells into two or more blocks (5a—5d), means (3, 7, 8) for refreshing each block (5a—5d) substantially irrespective of each other, and means (4a, 4b) for defining the need to maintain the information to be stored at a given time, wherein information on the need to maintain

the information to be stored in the memory cells at a given time is arranged to be defined at least partly on the basis of the storage locations allocated for the application programs, and that the means for refreshing the memory cells comprise means (3, 4a, 4b, 8) for determining on the basis of said stored information which of said memory blocks (5a, 5b, 5c, 5d) contains information requiring maintenance, wherein other memory blocks (5a, 5b, 5c, 5d) are arranged to remain unrefreshed.

5. The electronic device (17) according to claim 4, **characterized** in that the dynamic memory (1) comprises a synchronous dynamic memory.

6. The electronic device (17) according to claim 4, **characterized** in that the dynamic memory (1) comprises an asynchronous dynamic memory.

7. The electronic device (17) according to claim 4, ~~5 or 6~~, **characterized** in that it is a communication device comprising mobile station functions.